

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13498-010003	Application No. 10/786,791
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Zhaoda Zhang et al.	
		Filing Date February 25, 2004	Group Art Unit 1616 1618

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AB						
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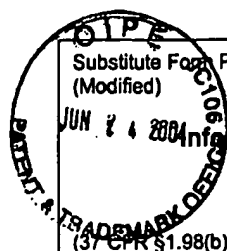
Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Copy of office action from related application serial number 10/209,172 mailed 5/5/2004.
	AR	Copy of response to action from related application serial number 10/209,172 mailed 10/5/04.
	AS	
	AT	

Examiner Signature 	Date Considered 2/3/06
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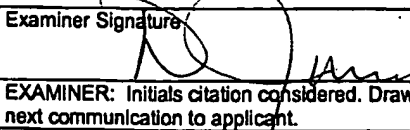
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
TS	AA	5,223,409	06/29/93	Ladner et al.	—	—	
TS	AB	5,492,892	02/20/96	Andersen et al.	—	—	
TS	AC	6,001,809	12/14/99	Thorsett et al.	—	—	

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							Yes	No
TS	AD	EP 329 363	02/13/89	EPO	—	—		
	AE	WO 96/01644	01/25/96	PCT	—	—		
	AF	WO 96/36361	11/21/96	PCT	—	—		
	AG	WO 97/14804	04/24/97	PCT	—	—		
TS	AH	WO 98/45331	10/15/98	PCT	—	—		

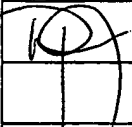

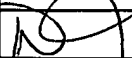
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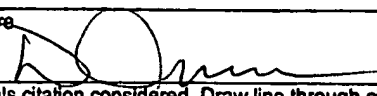
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TS	AI	Alavi et al., "Radiolabeled Antifibrin Antibody in the Detection of Venous Thrombosis: Preliminary Results," <u>Radiology</u> , 1990, 175:79-85
	AJ	Alexander et al., "Intracranial Black-Blood MR Angiography with High-Resolution 3D Fast Spin Echo," <u>Magnetic Resonance in Medicine</u> , 1998, 40(2):298-310
	AK	Bautovich et al., "Detection of Deep Venous Thrombi and Pulmonary Embolus with Technetium-99m-DD-3B6/22 Anti-fibrin Monoclonal Antibody Fab' Fragment," <u>J. Nucl. Med.</u> , 1994, 35:195-202
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	AM	Harker et al., "Role of Platelets and Thrombosis in Mechanisms of Acute Occlusion and Restenosis After Angioplasty," <u>Am. J. Cardiology</u> , 1987, 60:20B-28B
	AN	Hermans et al., "Fibrin: Structure and Interactions," <u>Semin. Thromb. Hemost.</u> , 1982, 8:11-24
	AO	Kakkar et al., "I-Labelled Fibrinogen Test Adapted for Routine Screening for Deep-Vein Thrombosis," <u>Lancet</u> , 1970, 1:540-542
	AP	Knight et al., "Fragment E ₁ Labeled with I-123 in the Detection of Venous Thrombosis," <u>Radiology</u> , 1985, 156:509-514
	AQ	Lanza et al., "High-Frequency Ultrasonic Detection of Thrombi with A Targeted Contrast System," <u>Ultrasound in Med. & Bio.</u> , 1997, 23(6):863-870
TS	AR	Moskowitz and Budzynski, "The (DD)E Complex is Maintained by a Composite Fibrin Polymerization Site," <u>Biochemistry</u> , 1994, 33:12937-12944

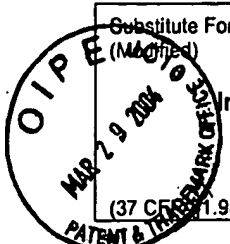
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	AS	Muto et al., "Initial Clinical Experience with Tc-99m P280, a Synthetic Peptide Useful for Imaging Thrombi and Pulmonary Emboli," <u>Radiology</u> , 1993, 189(suppl.): 303
	AT	Nielson et al., "Cysteine Residue Periodicity is a Conserved Structural Feature of Variable Surface Proteins from <i>Paramecium tetraurelia</i> ," <u>J. Mol. Biol.</u> , 1991, 222:835-841
	AU	Olexa et al., "Structure of Fragment E Species from Human Cross-Linked Fibrin," <u>Biochemistry</u> , 1981, 20:6139-6145
	AV	Palabrica et al., "Thrombus imaging in a primate model with antibodies specific for an external membrane protein of activated platelets," <u>Proc. Natl. Acad. Sci. USA</u> , 1989, 86:1036-1040
	AW	Redenbach et al., "A set of ordered cosmids and a detailed genetic and physical map for the 8 Mb <i>Streptomyces coelicolor</i> A3(2) chromosome," <u>Mol. Microbiol.</u> , 1996, 21:77-96
	AX	Rosebrough et al., "Thrombus Imaging: A Comparison of Radiolabeled GC4 and T2G1s Fibrin-Specific Monoclonal Antibodies," <u>J. Nucl. Med.</u> , 1990, 31:1048-1054
	AY	Spraggon et al., "Crystal structures of fragment D from human fibrinogen and its crosslinked counterpart from fibrin," <u>Nature</u> , 1997, 389:455-462
	AZ	Thakur et al., "Indium-111 Labeled Platelets: Studies on Preparation and Evaluation of In Vitro and In Vivo Functions," <u>Throm. Res.</u> , 1976, 9:345-357
	AAA	GenBank Accession No. T05787
	ABB	GenBank Accession No. T34584

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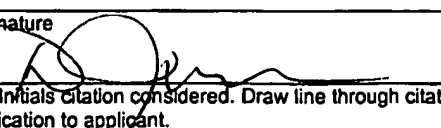
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[Signature]	AA	4,622,420	11/11/1986	Meares et al.	—	—	
	AB	4,831,175	05/16/1989	Gansow et al.	—	—	
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	AF	6,342,598	01/29/2002	Anelli et al.	—	—	
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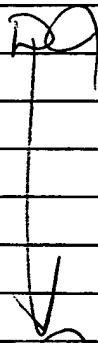
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[Signature]	AO	Restriction Requirement mailed 01/15/2004 in co-pending U.S. application serial no. 10/209,172.
	AP	Response to Restriction Requirement mailed 02/11/ 2004 in co-pending U.S. application serial no. 10/209,172.
[Signature]	AQ	Supplemental Preliminary Amendment mailed 02/23/2004 in co-pending U.S. application serial no. 10/209,172.
	AR	Restriction Requirement mailed 01/22/2004 in co-pending U.S. application serial no. 10/209,183.
[Signature]	AS	Preliminary Amendment and Response to Restriction Requirement mailed 02/23/2004 in co-pending U.S. application serial no. 10/209,183.

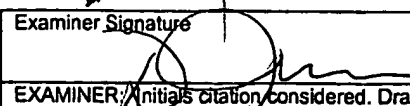
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<u>DA</u>	AA	08/875,365			—	—	12/12/97
	AB	4,659,839	04/21/87	Nicolotti et al.	—	—	
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	AE	4,897,255	01/30/90	Fritzberg et al.	—	—	
	AF	5,637,759	06/10/97	Hearst et al.	—	—	
	AG	5,641,878	06/24/97	Dandliker et al.	—	—	
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							Yes	No
	AI	0 515 313 B1	08/09/00	EPO	—	—		
	AJ	WO 93/17719	09/16/93	PCT	—	—		
	AK	WO 95/19187	07/20/95	PCT	—	—		
	AL	WO 96/23524	08/08/96	PCT	—	—		
	AM	WO 96/23526	08/08/96	PCT	—	—		
	AN	WO 97/13490	04/17/97	PCT	—	—	Abstr.	
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	AP	WO 01/09188	02/08/01	PCT	—	—		

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<u>DA</u>	AR	Aime et al., "Multinuclear and multifrequency NMR study of gadolinium(III) complexes with bis-amide derivatives of ethylenedioxydiethylene-dinitrilotetraacetic acid," <i>J. Chem. Soc. Dalton Trans.</i> , 2000, pp. 3435-3440

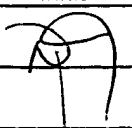
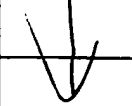
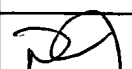
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	AS	Amedeo Jr. et al., "A Practical Manufacturing Synthesis of 1-(R)-Hydroxymethyl-DTPA: An Important Intermediate in the Synthesis of MRI Contrast Agents," <u>Synthetic Communications</u> , 1999, 29(14):2377-2391
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	AW	Bligh et al., "Neutral Gadolinium(III) Complexes of Bulky Octadentate dtpa Derivatives as Potential Contrast Agents for Magnetic Resonance Imaging," <u>Polyhedron</u> , 1995, 14(4):567-569
	AX	Bulte et al., "Dysprosium-DOTA-PAMAM Dendrimers as Macromolecular T2 Contrast Agents," <u>Invest. Radiol.</u> , 1998, 33(11):841-845
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	AEE	Konings et al., "Gadolinium Complexation by a New DTPA-Amide Ligand. Amide Oxygen Coordination," <u>Inorg. Chem.</u> , 1990, 29:1488-1491
	AFF	Krieter et al., "In Vivo Metabolism of Atrial Natriuretic Peptide: Identification of Plasma Metabolites and Enzymes Responsible for Their Generation," <u>J. Pharmacol. Exp. Ther.</u> , 1989, 249(2):411-417
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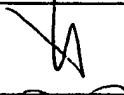

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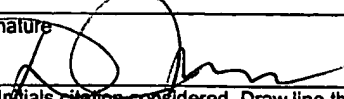
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	AKK	Mühler et al., "Interspecies comparison of <i>in vitro</i> plasma degradation of dynorphin A 1-13," <u>Pharmazie</u> , 1996, 51(8):581-585
	ALL	Muller et al., "Physicochemical Characterization of MS-325, a New Gadolinium Complex, by Multinuclear Relaxometry," <u>Eur. J. Inorg. Chem.</u> , 1999, pp. 1949-1955
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	ANN	Murphey et al., "Metabolism of Bradykinin in Vivo in Humans: Identification of BK1-5 as a Stable Plasma Peptide Metabolite," <u>J. Pharmacol. Exp. Ther.</u> , 2000, 294:263-269
	AOO	Murru et al., "Luminescence Behaviour of Stable Europium and Terbium Complexes of Tetraaza Phosphinates: Efficient Through-space Energy Transfer from Phenyl to Terbium," <u>J. Chem. Soc. Chem. Commun.</u> , 1993, pp. 1116-1118
	APP	Muto et al., "Detecting Deep Venous Thrombosis with Technetium-99m-Labeled Synthetic Peptide P280," <u>J. Nucl. Med.</u> , 1995, 36(8):1384-1391
	AQQ	Oefner et al., "High-Resolution Liquid Chromatography of Fluorescent Dye-Labeled Nucleic Acids," <u>Analytical Biochem.</u> , 1994, 223:39-46
	ARR	Pearson et al., "Somatostatin Receptor-Binding Peptides Labeled with Technetium-99m: Chemistry and Initial Biological Studies," <u>J. Med. Chem.</u> , 1996, 39:1361-1371
	ASS	Powell et al. "Peptide Stability in Drug Development. II. Effect of Single Amino Acid Substitution and Glycosylation on Peptide Reactivity in Human Serum," <u>Pharm. Res.</u> , 1993, 10(9):1268-1273
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	AUU	Ramachandran et al., "New Multimeric Magnetic Resonance Imaging Agents," <u>Invest. Radiol.</u> , 1998, 33(11):779-797
	AVV	Reubi et al., "Unsulfated DTPA- and DOTA-CCK analogs as specific high-affinity ligands for CCK-B receptor-expressing human and rat tissues in vitro and in vivo," <u>Eur. J. Nucl. Med.</u> , 1998, 25(5):481-490
	AWW	Solomon et al., "Focal Infection Imaging Using an In-111 Labeled Antagonist Chemotactic Peptide," <u>J. Nucl. Med.</u> , 1994, 35(5):45P, Abstract No. 172
	AXX	Stall et al., "Rearrangement and expression of endogenous immunoglobulin genes occur in many murine B cells expressing transgenic membrane IgM," <u>Proc. Natl. Acad. Sci. USA</u> , 1988, 85:3546-3550
	AYY	Tóth et al., "The Role of Water Exchange in Attaining Maximum Relaxivities for Dendrimeric MRI Contrast Agents," <u>Chem. Eur. J.</u> , 1996, 2(12):1607-1615
	AZZ	Tóth et al. "Tuning water-exchange rates on (carboxymethyl)iminobis-(ethylenenitrilo)tetraacetate (dtpa)-type gadolinium(III) complexes," <u>J. Chem. Soc., Dalton Trans.</u> , 1997, pp. 1587-1594
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	ABBB	Uggeri et al., "Novel Contrast Agents for Magnetic Resonance Imaging. Synthesis and Characterization of the Ligand BOPTA and Its Ln(III) Complexes (Ln = Gd, La, Lu). X-ray Structure of Disodium (TPS-9-145337286-C-S)-[4-Carboxy-5,8,11-tris(carboxymethyl)-1-phenyl-2-oxa-5,8,11-triazatridecan-13-oato(5-)]gadolate(2-) in a Mixture with Its Enantiomer," <u>Inorg. Chem.</u> , 1995, 34:633-642
	ACCC	Weinmann et al. "A New Lipophilic Gadolinium Chelate as a Tissue-Specific Contrast Medium for MRI," <u>Magn. Reson. Med.</u> , 1991, 22:233-237
	ADDD	Wettergren et al. "Amidated and non-amidated glucagon-like peptide-1 (GLP-1): non-pancreatic effects (cephalic phase acid secretion) and stability in plasma in humans," <u>Reg. Peptides</u> , 1998, 77:83-87
	AEEE	Zhao et al., "Oxidation of Primary Alcohols to Carboxylic Acids with Sodium Chlorite Catalyzed by TEMPO and Bleach," <u>J. Org. Chem.</u> , 1999, 64:2564-2566

Examiner Signature 	Date Considered 2/3/06
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	